

Patent Number(s): JP55149320-A

Title: Mfr. of polyester contg. no insoluble catalyst contaminants - using glycol soluble molybdenum, antimony titanium, tin, germanium and zinc cpds. as catalysts

Patent Assignee Name(s) and Code(s): NIPPON ESTER CO LTD (NPEC-C)

Derwent Primary Accession Number: 1981-04926D [08]

Patents Cited by Inventor: 0

Citing Patents: 2

Articles Cited by Inventor: 0

Patents Cited by Examiner: 0

Articles Cited by Examiner: 0

Abstract:

Process comprises using glycol soluble cpds. at least 1 of antimony, titanium, germanium, tin, zinc as catalyst and also 0.1-10 micro moles/ mol of monomer acid a glycol soluble molybdenum cpd. The dicarboxylic acid is mainly terephthalic and the glycol mainly ethylene glycol. The glycol soluble cpds. are e.g. antimony trioxide, antimony trichloride, titanium tetramethoxide, titanium tetraethoxide, germanium, tetraethoxide, germanium tetra-n-butoxide, di-n-butyl tin dichloride, tri-n-butyl tin acetate, zinc formate, zinc acetate, etc. The glycol soluble molybdenum cpd. is e.g. molybdic acid, lithium molybdate, etc.

The rate of reaction is increased considerably as if a large amt. of conventional catalyst had been used. Polymer with good quality is obt'd., contg. almost no insoluble catalyst deposits.

International Patent Classification: C08G-063/34

Derwent Class: A23 (Polyamides, polyesters, polycarbonates, alkyds)

Derwent Manual Code(s): A02-A06; A02-A07; A05-E01A

Patent Details:

Patent Number	Publ. Date	Main IPC	Week	Page Count	Language
JP55149320-A	20 Nov 1980		198104		

Application Details and Date:

JP55149320-A	JP056589	09 May 1979
--------------	----------	-------------

Priority Application Information and Date:

JP056589	09 May 1979
----------	-------------